

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

Claims 1 – 12: Cancelled

13. (New) An alarm and control system for a switch cabinet that can be opened and closed by an operator and that includes an electronically functioning locking unit for closing and releasing the switch cabinet door lock, the alarm and control system comprising:

a data bus serving to provide exchanges of information; and

a plurality of modules connected via the data bus, each module having a respective microprocessor for signal processing and a respective closed loop function scope, each module being designed only for the control of an individual function, and the modules processing independently of one another the signals conducted thereto and outputting a decision signal as a processing result.

14. (New) A system according to claim 13, wherein a plurality of switch cabinets are connected with one another via the data bus and, in each of the switch cabinets, modules with closed loop function scopes are arranged whose decision signal is transmittable to the subsequently-operating modules of different switch cabinets.

15. (New) A system according to claim 13 and further comprising at least one operator module connected to an input keyboard.

16. (New) A system according to claim 13 and further comprising at least one input module connected to an input unit configured as an optical sensor or as a transponder device.

17. (New) A system according to claim 13 and further comprising at least one grip module controlled as a function of the locking unit for the door lock.

18. (New) A system according to claim 17, wherein a plurality of door locks configured on the switch cabinets are connected to the grip module.

19. (New) A system according to claim 14, wherein a plurality of further locking units that are coupled to other switch cabinets via the data bus are connected to a grip module of a switch cabinet.

20. (New) A system according to claim 13 and further comprising at least one communication module communicating with external communication devices.

21. (New) A system according to claim 13 and further comprising at least one control module for controlling the energy supply of the module and/or the locking units.

22. (New) A system according to claim 13 and further comprising at least one sensor module connected with sensors for capturing environmental influences produced on or in a switch cabinet.

23. (New) A system according to claim 22, wherein each sensor operable to capture a defined environmental influence is provided with its own sensor module.

24. (New) A system according to claim 13 and further comprising an external arranged databank connected to the data bus.